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(71) Applicant (for DE only): **PHILIPS INTELLECTUAL  
PROPERTY & STANDARDS GMBH** [DE/DE]; Stein-  
damm 94, 20099 Hamburg (DE).

(71) Applicant (for AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE,  
BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CY, CZ,

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UZ, VC, VN, YU, ZA, ZM, ZW only): **KONINKLIJKE  
PHILIPS ELECTRONICS N. V.** [NL/NL]; Groenewoud-  
seweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

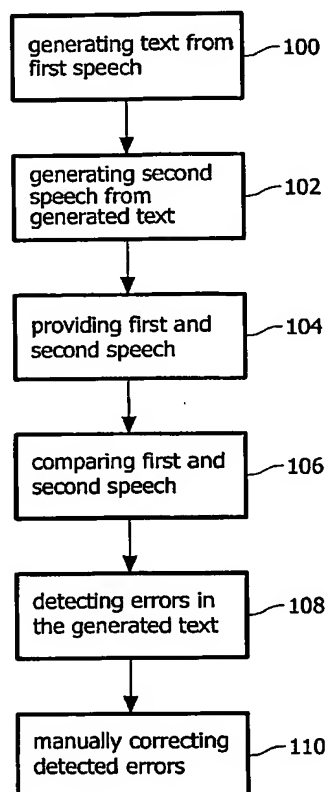
(75) Inventor/Applicant (for US only): **SCHRAMM, Hauke**  
[DE/DE]; c/o Philips Intellectual Property & Standards  
GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) Agent: **MEYER, Michael**; Philips Intellectual Property &  
Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

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(54) Title: **ERROR DETECTION FOR SPEECH TO TEXT TRANSCRIPTION SYSTEMS**



(57) Abstract: The present invention relates to a method, a system and a computer program product for error detection within text generated by a speech to text transcription system. The transcribed text is re-transformed into an artificial speech signal by means of a text to speech transcription system. The original, natural speech signal and the artificially generated speech are provided to a proof reader for comparison of the two acoustic signals. Deviations between the original speech signal and the speech transformed from the transcribed text indicate, that an error may have occurred in the speech to text transcription process, which has to be corrected manually. The speech signals to be compared can be provided acoustically and/or visually to the proof reader preferably by making use of a comparison signal deduced from the two speech signals. Major, correctly transcribed, parts of the text can be skipped during the proof reading process, saving time and enhancing effectivity of the entire proof reading process.



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